

INTERNATIONAL SEARCH REPORT

International application No.

PCT/ES 03/00010

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ A47C 1/025

10/501648

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ A47C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, PAJ, WPIL, CIBEPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4678229 A (RYAN et al.) 07.07.1987. Column 3, line 51-column 5, line 54; figures .	1-5,9
A	US 3235304 A (HENRY P GLASS) 15.02.1966. Column 2, line 1-72; figures ; figures 1-3.	1-3, 9, 11
A	GB 213657 A (HERMAN SCHÖPS) 01.04.1924. The whole document .	1,4,9,10
A	US 6012774 A (POTTER) 11.01.2000. Column 2, line 65 - column 4, line 59; figures .	1-4, 9, 11
A	US 6135554 A (TSUN et al.) 24.10.2000. Abstract and figures .	1
A	US 3173720 A (SHOZO NODA) 16.03.1965.	1
A	US 5354120A (VÖLKLE) 11.10.1994.	

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

- "&" document member of the same patent family

Date of the actual completion of the international search

1 April 2003 (01.04.03)

Date of mailing of the international search report

16 April 2003 (16.04.03)

Name and mailing address of the ISA/

SPTO

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International Application No
PCT/ES 03/00010

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4678229 A	07.07.1987	NONE	
US 3235304 A	15.02.1966	NONE	
GB 213657 A	01.04.1924	NONE	
US 6012774 A	11.01.2000	US 5967609 A	19.10.1999
US 6135554 A	24.10.2000	NONE	
US 3173720 A	16.03.1965	NONE	
US 5354120 A	11.10.1994	ZA 9207678 A CA 2079644 A EP 539733 AB DE 4135948 AC CZ 9203216 A PL 296407 A CN 1074361 A HU 63040 A JP 5211927 A DE 4208227 A SK 321692 A LT 218 A LT 3458 B AT 131017 TT DE 59204595 DD	15.04.1993 01.05.1993 05.05.1993 06.05.1993 12.05.1993 28.06.1993 21.07.1993 28.07.1993 24.08.1993 16.09.1993 06.10.1993 25.10.1994 25.10.1995 15.12.1995 18.01.1996